



ABSTRACT OF THE DISCLOSURE

A method for connecting electrical components is provided. The method includes electrically connecting electrodes on two separate substrates with an anisotropic electroconductive adhesive layer. The thickness of the electroconductive adhesive layer prior to connection (X) is given by:

$$0.5 \times \{(A^1 C^1 + A^2 C^2) / (B+C)\} \leq X \leq 2 \times \{(A^1 C^1 + A^2 C^2) / (B+C)\}$$

where: A^1 is a height of electrodes on a first substrate, B^1 is a width of the electrodes on the first substrate and C^1 is a width of an interelectrode space between the electrodes on the first substrate; A^2 is a height of electrodes on a second substrate, B^2 is a width of the electrodes on the second substrate and C^2 is a width of an interelectrode space between the electrodes on the second substrate; and $B + C = B^1 + C^1 = B^2 + C^2$.

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